



US005810461A

**United States Patent** [19][11] **Patent Number:** **5,810,461****Ive et al.**[45] **Date of Patent:** **Sep. 22, 1998**

[54] **METHODS AND APPARATUS FOR ORGANIZING THE ELECTRIC CABLES OF PERIPHERAL EQUIPMENT ATTACHED TO A COMPUTER HOUSING**

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[21] Appl. No.: **779,742**

[22] Filed: **Jan. 7, 1997**

[51] **Int. Cl.**<sup>6</sup> ..... **A47B 81/00**

[52] **U.S. Cl.** ..... **312/223.6**; 439/942; 361/827; 220/3.8; 220/242; 312/265.6

[58] **Field of Search** ..... 70/58, 164, 159, 70/160, 161, 162, 168, 18; 174/65 G, 65 R; 439/942, 371; 361/826, 827, 829; 312/223.1, 223.2, 223.6, 265.5, 265.6, 263; 248/68.1; 220/3.8, 242, 241

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

2,531,110 11/1950 Cislser ..... 312/223.6 X  
3,278,066 10/1966 George et al. .... 220/241

3,341,268 9/1967 Bickford ..... 312/223.1 X  
3,523,156 8/1970 Philips, Jr. .... 174/65 G  
4,748,540 5/1988 Henneberg et al. .... 361/724 X  
4,898,009 2/1990 Lakoski et al. .... 70/168 X  
4,985,695 1/1991 Wilkinson et al. .... 70/58 X  
5,018,052 5/1991 Ammon et al. .... 361/724 X  
5,142,442 8/1992 Daniels et al. .... 361/724 X  
5,228,319 7/1993 Holley et al. .... 70/58  
5,233,881 8/1993 Sayen et al. .... 248/68.1 X  
5,568,362 10/1996 Hansson ..... 312/223.6 X

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[57] **ABSTRACT**

A personal computer includes an outer wall having plug receptacles adapted to receive the plug-in cables of peripheral equipment such as keyboards, modems, printers, etc. The outer wall carries a comb element which forms a row of slots into which respective cables can be inserted. The slots serve to organize the cables which otherwise would tend to lay haphazardly on the computer support surface. A cover is pivotably mounted on the outer wall to extend across the slots. A cover extension can be snapped onto the cover to cover the plug receptacles.

**9 Claims, 3 Drawing Sheets**

